Published Quarterly by Boston University

Journal of Field Archaeology

Volume 18, 1991

Editor, Creighton Gabel; *Managing Editor,* Al B. Wesolowsky; *Art Director,* David Ford; *Journal Fellow,* Thomas F. Tartaron

Editorial Advisory Board: Wendy Ashmore, Mary C. Beaudry, Curt W. Beck, Geoffrey W. Conrad, Linda S. Cordell, Hester A. Davis, Robert C. Dunnell, John A. Gifford, Richard A. Gould, Norman Hammond, Thomas R. Hester, R. Ross Holloway, Timothy Kaiser, Richard G. Klein, Oscar White Muscarella, Bruce G. Trigger, Peter S. Wells, Paul E. Zimansky.

The reader should note that the main index for Volume 18 (1991) is a complete listing by author (or, in the case of certain announcements, by title) for all articles appearing in that volume. Entries for the thematic sections ("Antiquities Market," "Archaeometric Clearinghouse," and "Book Reviews") are repeated under those rubrics after the main index.

Bar-Yosef, Ofer, Avi Gopher, Eitan Tchernov, and Mordechai E. Kislev, "Netiv Hagdud: An Early Neolithic Village Site in the Jordan Valley" 405–424

Barfield, Thomas J., review of *Peace, War, and Trade along the Great Wall: Nomadic-Chinese Interaction through Two Millennia* by Sechin Jagchid and Van Jay Symons 241–243

Barnett, William K., "Optical Petrography as a Tool for Examining Gypsum and Lime Plaster Pyrotechnology" 253–255

———, "Barnett's Response to Kingery" 256

Baugh, Timothy G., review of *Archaeological Method and Theory, Volume 1* edited by Michael B. Schiffer 523–526

Beaudry, Mary C., review of *The Meanings of Things: Material Culture and Symbolic Expression* edited by Ian Hodder 239–241

Beck, Curt W., "Archaeometric Directories" 213–215

———, "The Easy Way: AATA" 215

Binford, Lewis R., review of *The Human Revolution: Behavioural and Biological Perspectives on the Origins of Modern Humans* edited by Paul Mellars and Chris Stringer 111–115

Bowersock, G. W., review of *The Collapse of Complex Societies* by Joseph A. Tainter 119–121

Bradley, John, see Sheets

Brinker, Udo H., see Stahl

Brown, James, review of *Archaeological Excavations at the Uxbridge Almshouse Burial Ground in Uxbridge, Massachusetts* edited by Ricardo J. Elia and Al B. Wesolowsky 515–518

Burger, Richard, and Lucy Salazar-Burger, "The Second Season of Investigations at the Initial Period Center of Cardal, Peru" 275–296

Butzer, Karl W., review of *Packrat Middens: The Last 40,000 Years of Biotic Change* edited by Julio L. Betancourt, Thomas R. Van Devender, and Paul S. Martin 394–397

Chenault, Mark, see Sheets

Clement, Christopher Ohm, and Michael E. Mosely, "The Spring-Fed Irrigation System of Carrizal, Peru: A Case Study of the Hypothesis of Agrarian Collapse" 425–443

Close, Angela E., "On the Validity of Middle Paleolithic Tool Types: A Test Case from the Eastern Sahara" 256–264

———, "Reply to Dibble" 267–269

Coggins, Clemency Chase, review of *The Ethics of Collecting Cultural Property: Whose Culture? Whose Property?* edited by Phyllis Mauch Messenger 389–392

Cruz-Uribe, Kathryn, "Distinguishing Hyena from Hominid Bone Accumulations" 467–486

Cullen, Tracey, review of *Death, Women, and the Sun: Symbolism of Regeneration in Early Aegean Religion* by Lucy Goodison 498–501

Dibble, Harold L., "Rebuttal to Close" 264–267

Dincauze, Dena F., review of *Monte Verde: A Late Pleistocene Settlement in Chile, Volume 1: Palaeoenvironment and Site Context* by Tom D. Dillehay 116–119

Drennan, Robert D., Luis Gonzalo Jaramillo, Elizabeth Ramos, Carlos Augusto Sánchez, María

Angela Ramírez, and Carlos A. Uribe, "Regional Dynamics of Chiefdoms in the Valle de la Plata, Colombia" 297–317
Elia, Ricardo J., "Popular Archaeology and the Antiquities Market: A Review Essay" 95–103
———, review of *Archaeological Heritage Management in the Modern World* edited by Henry Cleere 250–252
Feldman, Lawrence H., review of *Maya Resistance to Spanish Rule: Time and History on a Colonial Frontier* by Grant D. Jones 121–123
Gebhard, Elizabeth R., review of *Paestum: Greeks and Romans in Southern Italy* by John Griffiths Pedley 513–515
Goldberg, Paul, see Goren
Gopher, Avi, see Bar-Yosef
Goren, Yuval, and Paul Goldberg, "Petrographic Thin Sections and the Development of Neolithic Plaster Production in Northern Israel" 131–138
Gould, Richard A., review of *Maritime Archaeology: A Technical Handbook* by Jeremy Green 246–249
Greenfield, Haskel J., "Fauna from the Late Neolithic of the Central Balkans: Issues in Subsistence and Land Use" 161–186
Gregory, Timothy E., review of *A Temple for Byzantium. The Discovery and Excavation of Anicia Juliana's Palace-church in Istanbul* by Martin Harrison 245–246
Hammond, Norman, "Introduction" (Book Reviews) 105–106, 221–222, 383, 495–496
———, "Matrices and Maya Archaeology" 29–41
Higham, Charles, review of *Lang Rongrien Rockshelter: A Pleistocene, Early Holocene Archaeological Site from Krabi, Southwestern Thailand* by Douglas Anderson 392–394
Hodder, Ian, review of *Debating Archaeology* by Lewis R. Binford 383–387
———, review of *The Passage of Arms. An Archaeological Analysis of Prehistoric Hoards and Votive Deposits* by Richard Bradley 496–498
Hoopes, John, see Sheets
Jaramillo, Luis Gonzalo, see Drennan
Kaiser, Timothy, "The Thieves of Time and Their Accomplices" 87–89
Kingery, W. David, "Optical Petrography—Reply to Barnett" 255–256
Kislev, Mordechai E., see Bar-Yosef
Koetje, Todd A., "Simulated Archaeological Levels and the Analysis of Le Flageolet II, the Dordogne, France" 187–198
Lechtman, Heather, "The Production of Copper-arsenic Alloys in the Central Andes: Highland Ores and Coastal Smelters?" 43–76
Limp, W. Fredrick, review of *Quantifying Archaeology* by Stephen Shennan; *Quantifying Diversity in Archaeology* edited by Robert D. Leonard and George T. Jones 520–523
McDonald, Mary M. A., "Systematic Reworking of Lithics from Earlier Cultures in the Early Holocene of Dakhleh Oasis, Egypt" 269–273
McIntosh, Roderick J., "Early Urban Clusters in China and Africa: The Arbitration of Social Ambiguity" 199–212
McKee, Brian, see Sheets
MacLeay, James, see Scott, Stuart D.
Marcus, Joyce, review of *The Imagination of Matter: Religion and Ecology in Mesoamerican Traditions* edited by David Carrasco 387–389
Maxwell, Gordon S., review of *Rome's Desert Frontier from the Air* by David Kennedy and Derrick Riley 243–245
Melson, William, see Sheets
Moseley, Michael E., see Clement
Mueller, Marilynn, see Sheets
"New Archaeological Books and Journals" 125–130, 217–220, 377–382, 487–493
Niles, Susan A., review of *Inka Settlement Planning* by John Hyslop; *Inca Civilization in Cuzco* by R. Tom Zuidema 507–511
O'Connell, James F., review of *The Archaeology of Human Origins: Papers by Glynn Isaac* edited by Barbara Isaac 224–230
Paice, Patricia, "Extensions to the Harris Matrix System to Illustrate Stratigraphic Discussion of an Archaeological Site" 17–28
Peacock, Evan, "Distinguishing between Artifacts and Geofacts: A Test Case from Eastern England" 345–361
Peña, Elizabeth Shapiro, see Peña, J. Theodore
Peña, J. Theodore, and Elizabeth Shapiro Peña, review of *Excavation of the Iron Age, Roman and Medieval Settlement at Gorhambury, St Albans* by David Neal, Angela Wardle, and Jonathan Hunn; *The Old Village and the Great House: An Archaeological and Historical Examination of Drax Hall Plantation, St. Ann's Bay, Jamaica* by Douglas Armstrong 511–513
Pendergast, David M., "And the Loot Goes On: Winning Some Battles, But Not the War" 89–95
———, "Comment on Feldman's Review of Jones' *Maya Resistance to Spanish Rule*" 531
Piggott, Stuart, review of *A History of Archaeological Thought* by Bruce G. Trigger 109–111
Preucel, Robert W., review of *Farmers as Hunters: The Implications of Sedentism* edited by Susan Kent; *Dynamics of Southwest Prehistory* edited by Linda S. Cordell and George J. Gumerman 230–234
Ramírez, María Angela, see Drennan
Ramos, Elizabeth, see Drennan
Ridings, Rosanna, "Obsidian Hydration Dating: The Effects of Mean Exponential Ground Temperature and Depth of Artifact Recovery" 77–85
Salazar-Burger, Lucy, see Burger, Richard
Sánchez, Carlos Augusto, see Drennan
Scarborough, Vernon L., review of *Canal Irrigation in Prehistoric Mexico: The Sequence of Technological Change* by William E. Doolittle 518–520

Scott, Patricia Kay, see Scott, Stuart D.
Scott, Stuart D., Patricia Kay Scott, James W. F. Smith, and James MacLeay, "Reorientation of Historical Maps of Old Fort Niagara Using Computer-Assisted Cartography" 319–343
Sever, Tom, see Sheets
Sheets, Payson, John Hoopes, William Melson, Brian McKee, Tom Sever, Marilynn Mueller, Mark Chenault, and John Bradley, "Prehistory and Volcanism in the Arenal Area, Costa Rica" 445–465
Smith, James W. F., see Scott, Stuart D.
Spriggs, James A., review of *Archaeological Wood—Properties, Chemistry, and Preservation* edited by R. M. Rowell and R. J. Barbour 249–250
Stahl, Peter W., and Udo H. Brinker, "Removal of Calcareous Incrustation from Bone and Teeth with Acid and Ultrasound" 138–140
Stark, Barbara L., review of *Regional Perspectives on the Olmec* edited by Robert J. Sharer and David C. Grove 234–238
Strahan, Donna K., "Naturally Deposited Versus Intentionally Applied Gypsum on Archaeological Materials from Harappa, Pakistan" 527–530
Tchernov, Eitan, see Bar-Yosef
Teltser, Patrice A., "Generalized Core Technology and Tool Use: A Mississippian Example" 363–375
Uribe, Carlos A., see Drennan
Waters, Michael R., "The Geoarchaeology of Gullies and Arroyos in Southern Arizona" 141–159
Watson, Richard A., review of *Reading Material Culture: Structuralism, Hermeneutics, and Post-structuralism* edited by Christopher Tilley 397–404
Willey, Gordon R., review of *A History of Archaeological Thought* by Bruce G. Trigger 106–109
———, review of *Prehistory at Cambridge and Beyond* by Grahame Clark 222–224
Wylie, Alison, review of *Women in Prehistory* by Margaret Ehrenberg; *Women in Roman Britain* by Lindsay Allason-Jones 501–507
Zangger, Eberhard, "Prehistoric Coastal Environments in Greece: The Vanished Landscapes of Dimini Bay and Lake Lerna" 1–15

The Antiquities Market (Timothy Kaiser)

Elia, Ricardo J., "Popular Archaeology and the Antiquities Market: A Review Essay" 95–103
Kaiser, Timothy, "The Thieves of Time and Their Accomplices" 87–89
Pendergast, David M., "And the Loot Goes On: Winning Some Battles, But Not the War" 89–95

Archaeometric Clearinghouse (Curt W. Beck)

Beck, Curt W. "Archaeometric Directories" 213–215
———, "The Easy Way: AATA" 215

Book Reviews (Norman Hammond)

Allason-Jones, Lindsay, *Women in Roman Britain* 501–507
Anderson, Douglas, *Lang Rongrien Rockshelter: A Pleistocene, Early Holocene Archaeological Site from Krabi, Southwestern Thailand* 392–394
Armstrong, Douglas, *The Old Village and the Great House: An Archaeological and Historical Examination of Drax Hall Plantation, St. Ann's Bay, Jamaica* 511–513
Betancourt, Julio L., Thomas R. Van Devender, and Paul S. Martin, editors, *Packrat Middens: The Last 40,000 Years of Biotic Change* 394–397
Binford, Lewis R., *Debating Archaeology* 383–387
Bradley, Richard, *The Passage of Arms. An Archaeological Analysis of Prehistoric Hoards and Votive Deposits* 496–498
Carrasco, David, editor, *The Imagination of Matter: Religion and Ecology in Mesoamerican Traditions* 387–389
Clark, Grahame, *Prehistory at Cambridge and Beyond* 222–224
Cleere, Henry, editor, *Archaeological Heritage Management in the Modern World* 250–252
Cordell, Linda S., and George J. Gumerman, editors, *Dynamics of Southwest Prehistory* 230–234
Dillehay, Tom D., *Monte Verde: A Late Pleistocene Settlement in Chile, Volume 1: Palaeoenvironment and Site Context* 116–119
Doolittle, William E., *Canal Irrigation in Prehistoric Mexico: The Sequence of Technological Change* 518–520
Ehrenberg, Margaret, *Women in Prehistory* 501–507
Elia, Ricardo J., and Al B. Wesolowsky, editors, *Archaeological Excavations at the Uxbridge Almshouse Burial Ground in Uxbridge, Massachusetts* 515–518
Goodison, Lucy, *Death, Women, and the Sun: Symbolism of Regeneration in Early Aegean Religion* 498–501
Green, Jeremy, *Maritime Archaeology: A Technical Handbook* 246–249
Hammond, Norman, "Introduction" (Book Reviews) 105–106, 221–222, 383, 495–496
Harrison, Martin, *A Temple for Byzantium. The Discovery and Excavation of Anicia Juliana's Palace-church in Istanbul* 245–246
Hodder, Ian, editor, *The Meanings of Things: Material Culture and Symbolic Expression* 239–241
Hyslop, John, *Inka Settlement Planning* 507–511
Isaac, Barbara, editor, *The Archaeology of Human Origins: Papers by Glynn Isaac* 224–230
Jagchid, Sechin, and Van Jay Symons, *Peace, War, and Trade along the Great Wall: Nomadic-Chinese Interaction through Two Millennia* 241–243
Jones, Grant D., *Maya Resistance to Spanish Rule: Time and History on a Colonial Frontier* 121–123
Kennedy, David, and Derrick Riley, *Rome's Desert Frontier from the Air* 243–245
Kent, Susan, editor, *Farmers as Hunters: The Implications of Sedentism* 230–234

Leonard, Robert D., and George T. Jones, editors, *Quantifying Diversity in Archaeology* 520–523
Mellars, Paul, and Chris Stringer, editors, *The Human Revolution: Behavioural and Biological Perspectives on the Origins of Modern Humans* 111–115
Messenger, Phyllis Mauch, editor, *The Ethics of Collecting Cultural Property: Whose Culture? Whose Property?* 389–392
Neal, David, Angela Wardle, and Jonathan Hunn, *Excavation of the Iron Age, Roman and Medieval Settlement at Gorhambury, St Albans* 511–513
Pedley, John Griffiths, *Paestum: Greeks and Romans in Southern Italy* 513–515
Rowell, R. M., and R. J. Barbour, editors, *Archaeological Wood—Properties, Chemistry, and Preservation* 249–250
Schiffer, Michael B., editor, *Archaeological Method and Theory, Volume 1* 523–526
Sharer, Robert J., and David C. Grove, editors, *Regional Perspectives on the Olmec* 234–238
Shennan, Stephen, *Quantifying Archaeology* 520–523
Tainter, Joseph A., *The Collapse of Complex Societies* 119–121
Tilley, Christopher, editor, *Reading Material Culture: Structuralism, Hermeneutics, and Post-structuralism* 397–404
Trigger, Bruce G., *A History of Archaeological Thought* 106–109, 109–111
Zuidema, R. Tom, *Inca Civilization in Cuzco* 507–511